

Thin-film Deposition Apparatus

Abstract of the Disclosure

[0083] A gas-feeding apparatus configured to be connected to an evacuable reaction chamber includes a gas-distribution head for introducing gases into the chamber through a head surface. The gas-feeding head includes a first section for discharging a gas through the head surface toward a susceptor and a second section for discharging a gas through the head surface toward the susceptor. The first and the second sections are isolated from each other in the gas-distribution head, at least one of which section is coupled to an exhaust system for purging therefrom a gas present in the corresponding section without passing through the head surface.

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